AEROSOL AGE

Compendium Index
to articles and authors (1970)

COMPONENTS

Aerosol Containers ..... Oct. 50
Aluminum Aerosol Cans ..... March 27
Apache Offers Two-Piece Aerosol Cans .... March 45
Apache Nears Production Start-up ..... Dec. 20
Brief History of the Aerosol Cap, A ..... Jan. 14
Development of a New Aerosol
Metering Valve ..... March 54
by *C. Suck & P. Bret*
Fail Safe Aerosol Cans ..... April 32
Innovative Components ..... Aug. 36
New Products in Sepro System ..... May 72
Push the Button and ..... Aug. 20, Sept. 26,
by *Montfort A. Johnsen* Oct. 30, Nov. 40
Second Generation Geigy Innovair System ... Jan. 82
What's New in Aerosol Caps,
Valves and Packages? ..... Jan. 43, Feb. 38,
by Walter Beard March 36

EQUIPMENT

Design Considerations for
Aerosol Filling Machinery ..... April 18
by *David Lake*
Evolution in Aerosol Filling Techniques,
The ..... Oct 46
Water Baths in Testing Aerosols ..... Jan. 36

INDUSTRY ORIENTATION

Aerosol Devices Find A Variety
of Applications ..... Feb. 28
Aerosol Industry In Hong Kong ..... May 70

INDUSTRY ORIENTATION

(continued)

The Aerosol Industry in South Africa ..... Mar. 40
Aerosols In India ..... Apr. 47
Aerosols In Japan,
An Impressive Industry ..... June 56
Aerosols In Mexico ..... Jan. 49
Aerosols in the Cosmetic Industry ..... Nov. 18
by *Dr. John Sciarra*
Aerosol Report: A Survey by du Pont ..... Mar. 34
CSMA Aerosol Division
Public Relations Program ..... Dec. 36
Developments in Aerosol Personal Products .. Apr. 14
by *Ed Yuhas*
The European Aerosol Market ..... Nov. 29
by *H. R. Hearn*
Finnish Aerosol Industry
Continues To Grow ..... July 59
Formulation For Success ..... May 99
History of Low Pressure Aerosols ..... Aug. 16
by *Lyle D. Goodhue*
More Meaningful Role For
The Contract Packager ..... Feb. 36
Precision Aerosol Market Report ..... Mar. 81
Questions from the FEA ..... Dec. 25
A Survey of the Mexican Aerosol Market .... Sept. 56
Through-the-Button Filling ..... Nov. 16
Union Carbide's Gas Detectives ..... Nov. 14

LEGAL AFFAIRS

CSMA Appeals NYCFD
Aerosol Regulations ..... April 80
Fair Packaging ..... Mar. 33
Government Regulations ..... July 40
by *Montfort A. Johnsen*
Packaging And Legislation ..... June 33
by *Anita Mott*
Product Proliferation .... A Report on the Fluid
Chemical Co. Seminar ..... June 44
Robert Ackerly States The Case For CSMA .. April 30

MARKETING

Aerosol Bathroom Cleaners ..... Feb. 47
Aerosol Market for Underarm Products ..... May 35
by *Richard Spraker*
Aerosol Markets in the Seventies .... June 46, July 34
by *Eugene Barnett*
Allied Chemical Canada Reports
on Aerosol Market ..... June 69
Breakthrough in Food Aerosols
in the Seventies ..... Feb. 34
Broad New Markets for Aerosols
in the Seventies ..... Jan. 17
by *Howard Isenberg*
Canadian Forecast, The ..... Nov. 34
by *B. J. Weedon*
Cosmetics, An Expanding Market
for Aerosols ..... April 12
Cost of Consumerism, The ..... Feb. 15
by *Jack L. Jacqmain*
Essex Chemical puts the
Mod in Modern Living ..... Dec. 22
Excellent Aerosol Package, An ..... July 52
Expanded Role Seen for Custom Filler ..... Jan. 17
by *William Brosie*
Fuller Brush Calling ..... Dec. 65
Hair Spray Trends ..... April 49
Johnson's Goddard Line Conveys a
Quality Image ..... Aug. 42
Kotique ..... Feb. 44
Lime Shaving Creams ..... March 52
Magic American's Aerosols ..... Aug. 43
Main Floor Merchandising ..... March 22
Marketer's Goal, A Satisfied Customer ..... Jan. 32
Marketers Star on Program of
CSMA Aerosol Division ..... June 36
Men's Hair Spray ..... May 68
Merchandising ..... March 20
Package Design – Your Last Chance
to Communicate with the Consumer ..... Dec. 76
Peacock Explosion ..... May 89
Private Label Aerosol, The ..... Jan. 56
Revlon Sees Expanded Market for
Aerosol Cosmetics ..... July 31
Specialty Household Cleaners;
A Growing Aerosol Market ..... June 54
Spot Removers ..... Sept. 60
Sterling's d-Con Insecticides ..... Nov. 44
Stimulants to Aerosol Market Growth ..... Nov. 24
by *Douglas McKenna*
Trends for the Seventies ..... March 20
Willie Mae Talks on Consumerism ..... Jan. 19
Women's Influence in the Purchase of
Men's Products ..... April 25

MEETING REPORTS

ACMA Meeting Report ..... April 66
Aerosol Association Meets in Dallas ..... Aug. 30
Aerosol Division Committee Reports ..... Jan. 21
Aerosol Technology Conference ..... May 38
CMCS Sponsors Aerosol Seminar ..... Oct. 46
Consumerism Marches On: A Report on
The SDA Annual Meeting ..... March 30
CSMA Aerosol Division
Committees in Action ..... Feb. 53
CSMA Meets in Chicago; A Report on the
56th Mid-Year Meeting .. June 36, July 19, Aug. 47
Discussions on Consumerism Highlight
TGA Meeting ..... Feb. 21
Grayson Associates Hold Seminar ..... Aug. 67
IPE Tri-Session Seminar ..... March 19
Report to CSMA Aerosol Division ..... Jan. 30

(Turn to page 89)

MEETING REPORTS

(continued)

Society of Cosmetic Chemists:
A Review of the 25th Meeting ..... July 49
Southwest Packagers, Suppliers form
Aerosol Association ..... May 19
Up-To-Date Report on Aerosol
Division Committee Work ..... July 22

PHARMACOLOGY

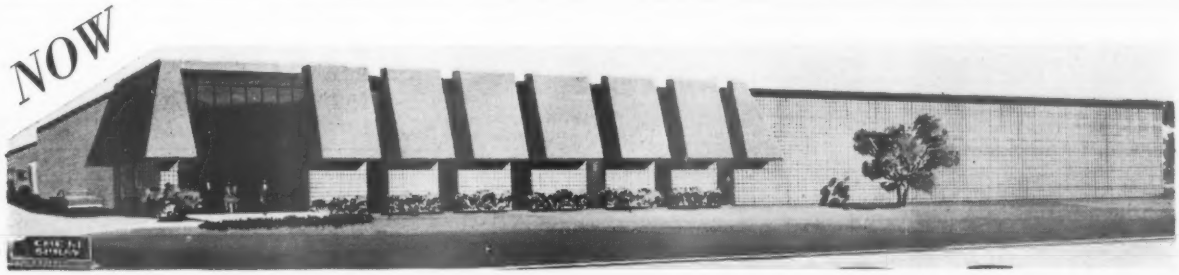
Acute Inhalation Exposure to
Aerosol Products ..... Aug. 60
Aerosol Pharmaceuticals ..... July 60, Aug. 55
by *Dr. John Sciarra*
Dermatological Aerosols ..... Dec. 61
by *Dr. John Sciarra*
Growth of Consumer Confidence in
Aerosol Pharmaceuticals ..... Aug. 47
Microbial Considerations for
Aerosol Products ..... Jan. 52, Feb. 59

PLANT TOURS AND REPORTS

Aero-Mist, A New Contract
Filler in Georgia ..... June 58
Aerosol Age Tours the Mennen Company .. March 12
Aerosol Product Development at
Precision Valve ..... March 16
Aerosols in Production at
Aerosol Systems, Inc. ..... May 20
Aerosols in Thailand ..... Dec. 39
by *Wayne E. Dorland*
All Chemical Products:
A New Aerosol Filler ..... May 16
Barr-Stalfort Installs Pilot Line ..... June 14
Contact Industries ..... Feb. 16
Cosmetic Creations:
Programmed for the Seventies ..... June 16
Quality & Concern: The Key to
Success at Chem-Spray Filling Corp. ..... Oct. 28
SuCCess Spells Connecticut Chemicals ..... July 16
A Visit to Toyo Aerosol Industries, Inc. ..... Sept. 18
by *Dr. John Sciarra*
Whipped Cream Principality of
Valley Stream Foods ..... Feb. 19

PRODUCTION & QUALITY CONTROL

Aerosol Cosmetics ..... March 22
Basic Considerations in Conceiving,
Formulating and Perfuming an
Aerosol Product ..... Sept. 14
by *Gilbert Gilbertson*
Cosmetic Packaging ..... March 22
Formulating an Aerosol Rug Shampoo ..... Oct. 64
Quality Assurance in the Aerosol Industry ... Aug. 19
by *David Parker*



another facility to serve you better

We are pleased to announce the expansion of our present operations with an additional new plant site and executive offices.

We trust that by providing the most modern facilities, latest equipment, and research laboratories, we will be better able to meet your needs as a highly capable contract packaging firm for all of your aerosol product requirements.

Your visit to our new home will be most welcome.

Chem-Spray FILLING CORPORATION

Totowa Industrial Park
5 Taft Road, Totowa, New Jersey 07511
Tel. N.Y. (212) 285-9511 • N.J. (201) 785-0333

MEETING REPORTS

(continued)

Society of Cosmetic Chemists:
A Review of the 25th Meeting ..... July 49
Southwest Packagers, Suppliers form
Aerosol Association ..... May 19
Up-To-Date Report on Aerosol
Division Committee Work ..... July 22

PHARMACOLOGY

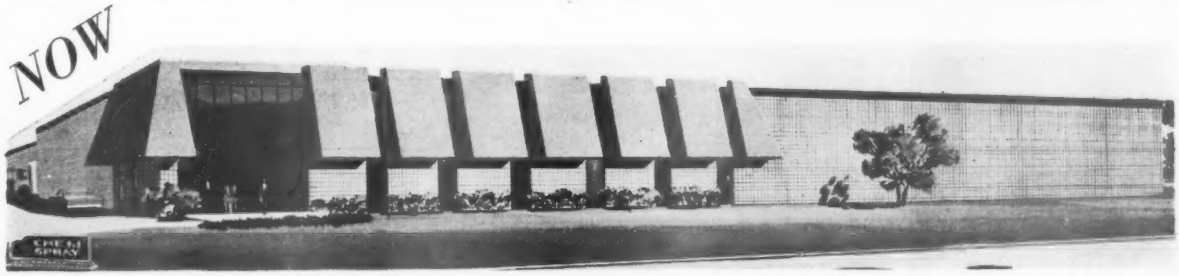
Acute Inhalation Exposure to
Aerosol Products ..... Aug. 60
Aerosol Pharmaceuticals ..... July 60, Aug. 55
by *Dr. John Sciarra*
Dermatological Aerosols ..... Dec. 61
by *Dr. John Sciarra*
Growth of Consumer Confidence in
Aerosol Pharmaceuticals ..... Aug. 47
Microbial Considerations for
Aerosol Products ..... Jan. 52, Feb. 59

PLANT TOURS AND REPORTS

Aero-Mist, A New Contract
Filler in Georgia ..... June 58
Aerosol Age Tours the Mennen Company .. March 12
Aerosol Product Development at
Precision Valve ..... March 16
Aerosols in Production at
Aerosol Systems, Inc. ..... May 20
Aerosols in Thailand ..... Dec. 39
by *Wayne E. Dorland*
All Chemical Products:
A New Aerosol Filler ..... May 16
Barr-Stalfort Installs Pilot Line ..... June 14
Contact Industries ..... Feb. 16
Cosmetic Creations:
Programmed for the Seventies ..... June 16
Quality & Concern: The Key to
Success at Chem-Spray Filling Corp. ..... Oct. 28
SuCCess Spells Connecticut Chemicals ..... July 16
A Visit to Toyo Aerosol Industries, Inc. ..... Sept. 18
by *Dr. John Sciarra*
Whipped Cream Principality of
Valley Stream Foods ..... Feb. 19

PRODUCTION & QUALITY CONTROL

Aerosol Cosmetics ..... March 22
Basic Considerations in Conceiving,
Formulating and Perfuming an
Aerosol Product ..... Sept. 14
by *Gilbert Gilbertson*
Cosmetic Packaging ..... March 22
Formulating an Aerosol Rug Shampoo ..... Oct. 64
Quality Assurance in the Aerosol Industry ... Aug. 19
by *David Parker*



another facility to serve you better

We are pleased to announce the expansion of our present operations with an additional new plant site and executive offices.

We trust that by providing the most modern facilities, latest equipment, and research laboratories, we will be better able to meet your needs as a highly capable contract packaging firm for all of your aerosol product requirements.

Your visit to our new home will be most welcome.

Chem-Spray FILLING CORPORATION

Totowa Industrial Park
5 Taft Road, Totowa, New Jersey 07511
Tel. N.Y. (212) 285-9511 • N.J. (201) 785-0333

RAW MATERIALS & INGREDIENTS

Cationic Conditioners for Shampoos ..... April 50
Development of Synergized
Pyrethrins Aerosols ..... May 44
D-Trans Insecticide Concentrates ..... Jan. 27
Dynachim Develops
Improved DDVP Strips ..... Jan. 41
New Toxicants for
Aerosol Insecticides ..... Jan. 26
Perfuming Aerosol Products ..... April 54
Silicones: A Key Ingredient in
Aerosol Furniture Polish ..... Sept. 32
by *R. J. Thimineur*
Source of Standardized Pyrethrum Extract .. Sept. 53
Test Results on SBP-1382 ..... Jan. 27

SAFETY

American Describes New Safety Can ..... Nov. 62
Health & Safety ..... March 33
Predicting Product Hazards ..... Sept. 40
by *Jack L. Jacqmain*

SYSTEMS

Aerosol Anti-Perspirant Patent Application .. Feb. 49
Cheaper Aerosols with Carbon Dioxide ..... Aug. 59
Edge – New Shaving Cream
from S. C. Johnson ..... May 67
New Aerosol System Being Developed
by Aeroseal Corp. ..... June 59
Toni Division Releases Details on
Development of Magic Moment ..... Feb. 74
Union Carbide Researching Two New
Dry Powder Aerosols ..... Aug. 70

MISCELLANEOUS

Aerosol Age Buyer's Guide ..... Oct. 97
Behind the Scenes at Consumers Union ..... Aug. 14
Considering A Consultant? ..... Oct. 61
by *Don Ross*
Cosmetic Firms Project 10% Increase ..... May 63
Dynachim Marketing DDVP Pet Colars .... April 53
EOA Elects Officers and Board ..... Feb. 79
Formulary: Aerosol Shave Foams ..... April 45
Houston Chemical Announces
Aerosol Aviation Aid ..... March 15
Interview With Ed Green ..... April 16
Myron Frank Succeeds Joe Lee as
CSMA President ..... Jan. 18
Principles of Aerosol Technology:
A New Book by Paul Sanders ..... June 26
Scovill Valve Survey ..... April 72
SDA Selects Officers and Directors ..... March 33
Up-To-The-Minute Report on Nam
Plant Industries "Gasless"
Self-Pressurized Package ..... Aug. 40

pamasol

Micromat
2015/2

Rotary automatic aerosol filling machine with guide wheel and rotary unscrambler for all forms of glass bottles and cans up to 66 mm diameter.

For more details contact **THE MANUFACTURERS**

pamasol

Willi Mader AG
CH 8808 Pfaffikon/SZ, Switzerland
Phone 055/55431, Telex 75602

THE U.S. SOLE SELLING AGENTS
Rose Research International
296 Linden Park Place
Highland Park, Illinois 60035
Phone: (312) 432-6161

AUTHORS

Beard, Walter, What's New in Aerosol Caps, Valves and Packages? .. Jan. 43, Feb. 38, March 36

Barnett, Eugene, Aerosol Markets in the Seventies ..... June 46, July 34

Bret, P. and Suck, C., Development of a New Aerosol Metering Valve ..... March 54

Brosie, William, Expanded Role See for Custom Filler ..... Jan. 17

Dorland, Wayne E., Aerosols in Thailand ... Dec. 39

Gilbertson, Gilbert, Basic Considerations in Conceiving, Formulating and Perfuming an Aerosol Product ..... Sept. 14

Goodhue, Lyle D., History of Low Pressure Aerosols ..... Aug. 16

Hearn, H. R., European Aerosol Market .... Nov. 29

Isenberg, Howard, Broad New Markets for Aerosols in the Seventies ..... Jan. 17

Jacqmain, Jack L., Cost of Consumerism .... Feb. 15

Jacqmain, Jack L., Predicting Product Hazards ..... Sept. 40

Johnsen, Montfort A., Government Regulations ..... July 40

Johnsen, Montfort A., Push the Button and . . . Aug. 20, Sept. 26, Oct. 30, Nov. 40

Lake, David, Design Consideration for Aerosol Filling Machinery ..... April 18

McKenna, Douglas, Stimulants to Aerosol Market Growth ..... Nov. 24

Mott, Anita, Packaging and Legislation ..... June 33

Parker, David, Quality Assurance in the Aerosol Industry ..... August 19

Ross, Don, Considering a Consultant? ..... Oct. 61

Sciarra, John, Aerosols in the Cosmetic Industry ..... Nov. 18

Sciarra, John, Aerosol Pharmaceuticals ..... July 60, Aug. 55

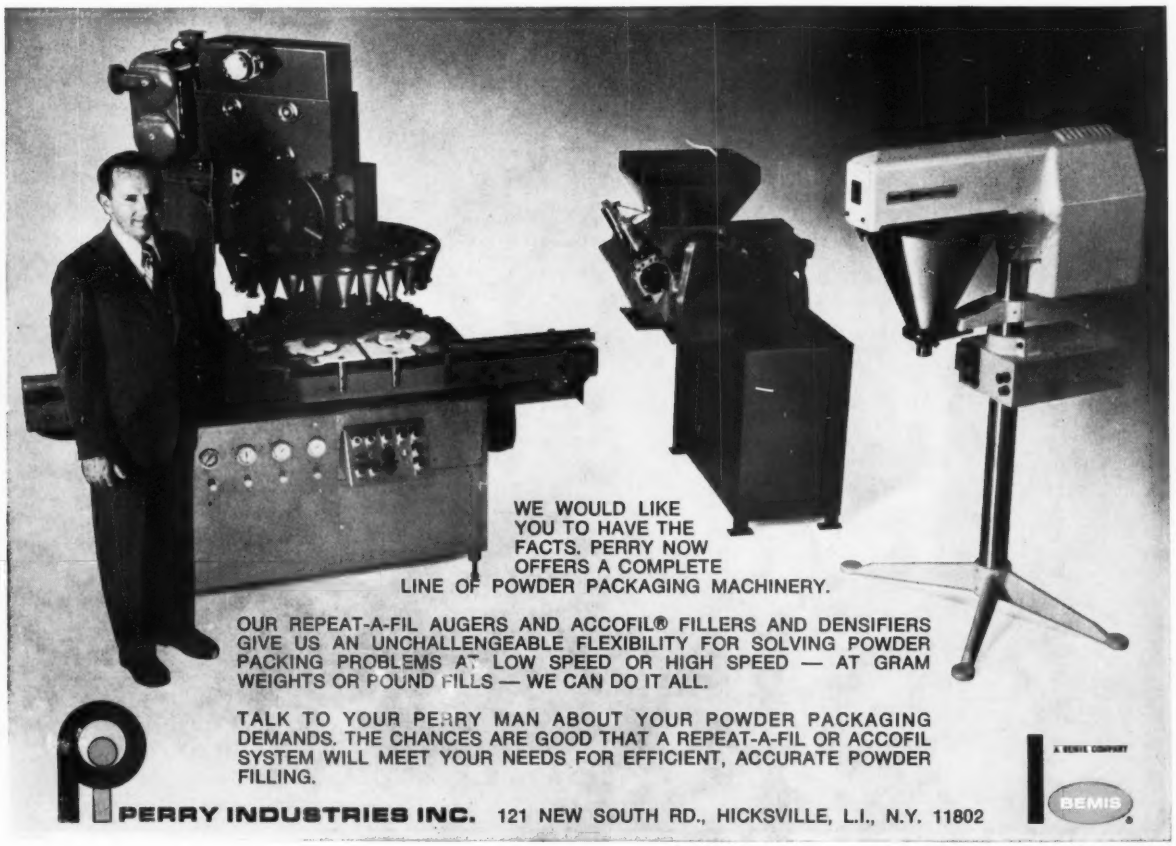
Sciarra, John, Dermatological Aerosols ..... Dec. 61

Sciarra, John, A Visit to Toyo Aerosol Industries, Inc. ..... Sept. 18

Spraker, Richard, Aerosol Markets for Underarm Products ..... May 35

Suck, C. and Bret, P., Development of a New Aerosol Metering Valve ..... March 54

Thimineur, Raymond J., Silicones: A Key Ingredient in Aerosol Furniture Polishes .. Sept. 32

Weedon, B. J., Canadian Forecast ..... Nov. 34

Yuhas, Ed, Developments in Aerosol Personal Products ..... April 14